

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	(bidirection\$2 or (dual adj (rotation\$2 or direction\$2)) or birotation\$2) NEAR (pulley or sheave)	US-PGPUB	OR	ON	2006/08/03 12:11
L2	1	(bidirection\$2 or (dual adj (rotation\$2 or direction\$2)) or birotation\$2) NEAR (pulley or sheave).clm.	US-PGPUB	OR	ON	2006/08/03 12:11
S1	2199	((482/133-138) or (482/98-100) or (482/92) or (482/93) or (482/145)). CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/07/25 10:36
S2	2201	((482/133-138) or (482/98-100) or (482/92) or (482/93) or (482/145)). CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/07/25 11:50
S3	205	(482/145).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/07/25 11:57
S4	1931	a63b023/04.ipc. not us.cc.	FPRS; EPO; DERWENT	OR	ON	2006/07/25 11:57
S5	0	S4 and extension and curl	FPRS; EPO; DERWENT	OR	ON	2006/07/25 11:58
S6	639	S4 and leg	FPRS; EPO; DERWENT	OR	ON	2006/07/25 11:58
S7	1	("2004/0002409").URPN.	USPAT	OR	ON	2006/07/25 13:05
S8	27	("4239210"   "4349191"   "4349193"   "4456245"   "4511317"   "4533747"   "4563003"   "4621807"   "4637607"   "4666149"   "4711448"   "4799670"   "4878663").PN. OR ("4957281").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:05
S9	48	("2777439"   "3721438"   "3727913"   "4200279"   "4240626"   "4256302"   "4358108"   "4387893"   "4500089"   "4505475"   "4531730"   "4600189"   "4611807"   "4621807").PN. OR ("4711448").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:07

## EAST Search History

S10	55	("1572281"   "2777439"   "3708167"   "3912263"   "4200279"   "4296924"   "4373717"   "4387893"   "4411424"   "4456245"   "4478411"   "4500089").PN. OR ("4621807").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:09
S11	74	("1028956"   "2777439"   "3374675"   "3647209"   "3708116"   "3912263"   "4226414"   "4240626"   "4275882"   "4317566"   "4407495"   "4478411"   "4500089").PN. OR ("4600189"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:12
S12	24	("3120954"   "3285070"   "4200279"   "4441708"   "4556216"   "4635933"   "4711448"   "4828255"   "4854578"   "5039092"   "5074551"   "5209223"   "5236406"   "5330405"   "5338274"   "5403251"   "5417633"   "5667465"   "5733233"   "5980434"   "6361482").PN. OR ("6558303"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:15
S13	9	("4358108"   "4448412"   "4746115"   "4776587"   "5518477"   "5667465"   "5733233"   "5800321").PN. OR ("6361482"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:17
S14	29	("4621807"   "4898381"   "4982955"   "5102121"   "5336148"   "5356360"   "5370595"   "5401227"   "5419751"   "5447480"   "5456644"   "5549530"   "5554085"   "5722921"   "5785635"   "5800310"   "5800321"   "5810701"   "5823920"   "6162153").PN. OR ("6302833"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:18
S15	22	("3850430"   "4448412"   "4546968"   "4575077"   "4635933"   "4678185"   "4711448"   "4732380"   "4809972"   "4828255"   "4858915"   "4900018"   "4964632"   "5085430"   "5236406"   "5338274"   "5419751"   "5518477"   "5562579"   "5733233").PN. OR ("5980434"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:21

## EAST Search History

S16	19	("4448412"   "4635933"   "4678185"   "4711448"   "4732380"   "4809972"   "4828255"   "4900018"   "5085430"   "5236406"   "5338274"   "5518477"   "5562579").PN. OR ("5733233").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:22
S17	5	("4456245"   "5102121"   "5308304").PN. OR ("5667465").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:23
S18	53	("1056344"   "1273011"   "2036623"   "2048285"   "2068578"   "2455625"   "2519609"   "3286797"   "3369403"   "3495824"   "3638941"   "3822599"   "3912265"   "4227689"   "4291787"   "4353547").PN. OR ("4448412").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:24
S19	2	("2004/0082444").URPN.	USPAT	OR	ON	2006/07/25 13:25
S20	30	("0723625"   "0931699"   "2463394"   "3794185"   "4224890"   "4505475"   "4744559"   "4809972"   "4900018"   "4915377"   "4986538"   "5236406"   "5263915"   "5316534"   "5417633").PN. OR ("5518477").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 13:26
S21	44	("1902694"   "2068578"   "2825563"   "2855199"   "3000632"   "3103357"   "3120954"   "3285070"   "3465592"   "3495824"   "3567218"   "3784194"   "3822599"   "3861677"   "3976057"   "4098502"   "4227689"   "4247098"   "4254949").PN. OR ("4441708").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/25 14:17
S22	2	("5733233").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/07/25 14:18

## EAST Search History

S23	50	((("5417633") or ("5944641") or ("4455029") or ("6470870") or ("5779606") or ("4475715") or ("4826153") or ("4505619") or ("5904463") or ("6790162") or ("5338274") or ("5499962") or ("5549530") or ("5882026") or ("6315059") or ("4986538") or ("4403419") or ("5199502") or ("5749761") or ("6494330") or ("4316602") or ("5916331") or ("4368718") or ("4401097") or ("4539877") or ("5681139") or ("5885139") or ("4426796") or ("4456247") or ("4756325") or ("4907798") or ("5788095") or ("5938489") or ("4452329") or ("6021757") or ("4268084") or ("4557710") or ("4598907") or ("4630839") or ("4482152") or ("4799669") or ("4906225") or ("5400869") or ("5662017") or ("5795012") or ("5267930") or ("6582346") or ("4573696") or ("5558605") or ("5899477"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/07/25 14:18
S24	89	((("D370,950") or ("D427,652") or ("D431,059") or ("D431,615") or ("D437,370") or ("D437,371") or ("D438,267") or ("D439,292") or ("D439,822") or ("D439,943") or ("D440,610") or ("D444,190") or ("D444,518") or ("D446,440") or ("D446,831") or ("D454,604") or ("D455,184") or ("D455,310") or ("D455,803") or ("D456,862") or ("D457,580") or ("4,949,950") or ("5,236,406") or ("5,401,220") or ("5,681,240") or ("5,683,334") or ("5,733,233") or ("5,800,321") or ("5,807,219") or ("5,916,072") or ("5,938,574") or ("5,951,444") or ("5,961,428") or ("5,980,434") or ("6,004,247") or ("6,030,322") or ("6,039,678") or ("6,090,020") or ("6,102,835") or ("6,193,635") or ("6,264,586") or ("6,264,588") or ("6,287,241") or ("6,319,178") or ("6,338,701") or ("6,347,777") or ("6,409,637") or ("6,443,878") or ("6,491,609") or ("6,497,639") or ("6,551,226") or ("6,561,960") or ("6,579,213") or ("6,605,022") or ("6,645,130"))).PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/07/25 14:37

## EAST Search History

S25	2	(dual adj direction\$2) NEAR pulley	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/07/26 12:12
S26	15	(bidirection\$2) NEAR pulley	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/08/03 12:09
S27	581	(push near pull) and "482"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/07/26 12:15
S28	85	(push near pull).ab. and "482"/\$. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/07/26 12:18
S29	259	S27 and pulley	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/07/26 12:18
S30	228	S29 not S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/07/26 13:58